Index of Claims

| Appli | ication/Co | ntrol No. |
|-------|------------|-----------|
|       |            |           |

Applicant(s)/Patent under Reexamination

10/718,764

Examiner

WAGENER ET AL.
Art Unit

**Kuo-Liang Peng** 

1712

√ Rejected
= Allowed

\_\_ (Through numeral)
Cancelled

Non-Elected

A Appeal

llowed

+ Restricted

I Interference

O Objected

| Cla      | aim      | m Date              |              |                |          |                 |                 | $\neg$         |          | Cla       | Date     |       |          |              |          |   |          | С             | laim     | Date     |        |                |          |                |                 |                 |          |          |                 |                 |          |   |
|----------|----------|---------------------|--------------|----------------|----------|-----------------|-----------------|----------------|----------|-----------|----------|-------|----------|--------------|----------|---|----------|---------------|----------|----------|--------|----------------|----------|----------------|-----------------|-----------------|----------|----------|-----------------|-----------------|----------|---|
|          |          |                     |              |                |          |                 |                 |                |          |           |          |       |          |              |          |   | <u> </u> |               | T        | П        |        | Ī              | ñ        |                | T               |                 | _        |          |                 |                 |          |   |
| Final    | Original | 7/6/07              |              |                |          |                 |                 |                |          |           |          | Final | Original |              |          |   |          |               |          |          |        | Final          | Original |                |                 |                 |          |          |                 |                 |          |   |
|          | 1        | $\vdash$            | $\vdash$     | Н              | $\dashv$ | Н               | $\dashv$        | $\dashv$       | $\dashv$ | -         |          |       | 51       | H            | H        | $\dashv$  | $\dashv$ |               | +-       | ╁┼       | -      |                | 101      |                | Н               | Н               |          | Н        | $\vdash$        |                 | $\dashv$ | _ |
|          | 2        | $\vdash$            | ┪            | Н              |          | П               | $\Box$          |                | _        | ᅥ         |          |       | 52       | Т            |          | $\neg$  | コ        | $\dashv$      | +        | 1 1      | -      |                | 102      | $\vdash$       | Н               | Н               |          |          |                 | $\dashv$        | $\dashv$ | _ |
|          | 1        | -                   | ╁            | -              | _        | Н               | $\dashv$        | $\dashv$       | 一        | ᅥ         |          |       | 53       | $\vdash$     | Н        | $\dashv$  | ᅥ        | $\dashv$      | $\dashv$ | $\vdash$ | -      | <b>-</b>       | 103      | H              | Н               |                 |          |          |                 |                 | -        |   |
|          | - K      | -                   | ╁            |                | -        | $\vdash$        | $\vdash$        | $\dashv$       | $\dashv$ | ᅥ         |          |       | 54       |              |          | -   | -        | $\dashv$      | +        | +        | -      | $\vdash$       | 104      | $\vdash$       | Н               | Н               |          |          |                 | -               |          | _ |
|          | H        | -                   | <del> </del> | Н              | -        | $\dashv$        | $\vdash$        | $\dashv$       | $\dashv$ | 러         |          |       | 55       | ┢            |          | $\dashv$  | $\dashv$ | $\dashv$      | +        | + +      |        | ├              | 105      |                | Н               | Н               | -        | Н        | $\vdash$        | $\vdash$        | $\dashv$ | _ |
|          | 6        | -                   | ├            | -              |          |                 |                 | -              | -        | $\dashv$  |          | _     | 56       | $\vdash$     | Н        | $\dashv$  | $\dashv$ | -             | +-       | ╁┼       |        |                | 106      | -              | $\vdash$        | Н               |          |          | -               | $\vdash$        | $\dashv$ | _ |
| _        | 7        | N                   | ┢            | -              |          |                 | $\vdash$        |                | -        | ᅱ         |          |       | 57       | $\vdash$     | H        | $\dashv$  | $\dashv$ | +             | +        | +        |        | ┝              | 107      | -              | Н               | Н               | $\vdash$ | Н        | Н               | Н               | $\dashv$ | _ |
|          | 8        | N                   | ⊢            | $\vdash$       | _        | -               |                 |                | $\vdash$ | $\dashv$  |          |       | 58       | $\vdash$     | -        | $\dashv$  |          |               | +-       | ╁        |        | ├              | 107      | -              | Н               |                 |          | -        | $\vdash$        | $\vdash$        | $\dashv$ | _ |
| <u> </u> | 9        | IN                  | ₩            | Н              | -        | -1              | -               | -              | $\dashv$ | ᅴ         |          |       | 59       | -            |          | $\dashv$  |          |               | +        | ₩        |        | ├─             |          | ├              | -               | Н               | $\vdash$ |          |                 | $\dashv$        | -        | _ |
|          |          | -                   | -            | Н              | _        | Н               | Н               | -              | $\dashv$ | $\dashv$  |          |       |          |              | -        | -   | $\dashv$ | +             | +-       | ╁╌╂      |        | ├─             | 109      | ⊢              | Н               |                 |          |          |                 | $\dashv$        | -        |   |
| $\vdash$ | 10       |                     | ⊢            | $\vdash$       |          | -1              |                 |                | -        | ᅴ         |          |       | 60       | $\vdash$     | H        | $\dashv$  | $\dashv$ | $\rightarrow$ | +        | ╁╌┼      |        | <del> </del> — | 110      | _              | Н               | $\vdash$        |          | _        |                 |                 |          |   |
| -        | 1)       | $\vdash$            | ₩            | $\vdash$       |          |                 |                 | $\dashv$       | $\dashv$ | 긕         |          |       | 61       | $\vdash$     | Н        | $\dashv$  | -        | -             | +        | +        |        | }              | 111      | $\vdash$       | Н               | $\vdash \vdash$ | $\vdash$ | $\vdash$ | Н               | $\vdash$        |          |   |
|          | 12       | <del> </del>        | ⊢            | $\vdash\vdash$ | -        | $\vdash$        | $\dashv$        | -              |          | -         |          |       | 62       | $\vdash$     |          |   |          |               | +-       | $\vdash$ |        | <u> </u>       | 112      | <u> </u>       | Н               | Н               | Ш        | Н        | Н               | $\sqcup$        | _        | _ |
| ⊢        | 13       | N                   | ├            | $\vdash\vdash$ | _        | $\vdash$        | $\vdash$        |                |          | ᅴ         |          |       | 63       | $\vdash$     | H        | $\dashv$  | -        | -             |          | +        |        | ļ              | 113      |                | Н               | $\vdash$        |          | Ш        | _               |                 | _        | _ |
| $\vdash$ | 14       | H                   | ⊢            | Н              |          | $\vdash$        | -               | $\dashv$       | $\dashv$ | 4         |          |       | 64       | <u> </u>     | L.       | $\dashv$  |          | _             | +        | ++       |        | ├—             | 114      | <u> </u>       | $\vdash \vdash$ | $\vdash$        |          | Щ        | $\vdash \vdash$ | $\square$       |          | _ |
| <u></u>  | 15       | H                   | ⊢            | $\vdash$       | $\vdash$ | Н               | $\vdash \vdash$ | <u> </u>       |          | _         |          |       | 65       |              |          | $\vdash$  |          | $\dashv$      | +        | ++       | -      | <b> </b>       | 115      | <del> </del> _ | Н               | Н               | Щ        | Щ        | Ш               | $\vdash \vdash$ |          |   |
| <u> </u> | 16       | $\vdash \downarrow$ | 1            | $\vdash$       |          | $\vdash \vdash$ | $\vdash \vdash$ | $\dashv$       | $\dashv$ | _         | <b>I</b> |       | 66       | $\vdash$     | $\vdash$ |   |          | _             |          | 1        | -      | Ь—             | 116      | <u> </u>       | $\square$       |                 | Щ        | Ш        | Ш               | Ш               | _        | _ |
|          | 17       | $oldsymbol{\sqcup}$ | <del> </del> | Н              | Щ        | Щ               | Н               | $\vdash$       | -        |           |          |       | 67       | _            | Ш        | $\sqcup$  |          | _             | 4        | $\sqcup$ | -      | <u> </u>       | 117      | _              | Ш               | Ш               | Ш        | Щ        | Ш               | $\sqcup$        |          | _ |
| $\vdash$ | 18       | $oldsymbol{\sqcup}$ | <u> </u>     | $\vdash$       |          |                 | $\sqcup$        | 4              | $\dashv$ | _         |          |       | 68       | lacksquare   | Щ        | _   |          | _             |          | $\sqcup$ | _      | <u> </u>       | 118      |                | Щ               | Ш               |          | Ш        | Ш               | Ш               |          |   |
| <u></u>  | 19       | ⇊                   | _            | Ш              | Ш        | Ш               | Щ               |                | $\perp$  | _         | <b>I</b> |       | 69       | <u> </u>     | Щ        | Щ   | _        | _             |          | $\sqcup$ | _      | <u> </u>       | 119      | <u> </u>       | Щ               | Ш               |          | Ш        | Ш               | Ш               |          |   |
|          | 20       | Ц                   | <u> </u>     | Щ              |          | Ш               |                 | $\dashv$       | 4        | ᆜ         |          |       | 70       | _            |          | $\Box$  | _        |               |          | $\sqcup$ | _ !!!! | <u> </u>       | 120      | Ŀ              | Ш               | Ш               | Ш        | Ш        | Ш               |                 |          |   |
| <u></u>  | 21       | Ш                   | <u> </u>     | Щ              |          | $\sqcup$        | $\sqcup$        | $\sqcup$       | $\dashv$ | _         |          |       | 71       | oxdot        | Ш        | Ш   | _        | _             |          | $\sqcup$ | _      | <u> </u>       | 121      |                | Ш               | Ш               |          |          |                 |                 | l        | _ |
| $\vdash$ | 22       | Ц                   | L            | Щ              |          | Ш               | Ш               |                | $\sqcup$ | _         | :::I     |       | 72       |              | Щ        | $\sqcup$  | $\perp$  |               | _        | Ш        | _      | ļ              | 122      |                | Ш               | Ш               |          |          | $\Box$          |                 |          |   |
| $\vdash$ | 23       | Ц                   | <u> </u>     | Ш              |          | Ш               | Щ               | Ц              |          | _         | <b>I</b> |       | 73       | $oxed{oxed}$ | Ш        |   | $\perp$  |               |          | $\sqcup$ | _      | <u></u>        | 123      | Ш              | Ш               | Ш               |          | لـــا    |                 |                 | [        |   |
|          | 24       | Ц                   | L            | Ш              |          |                 | Ш               | l              |          |           |          |       | 74       |              | Ш        |   |          |               |          |          | !!!!   |                | 124      |                |                 |                 |          |          |                 |                 | I        |   |
| L        | 25       | Ш                   |              |                |          | $oxed{oxed}$    | $oxed{oxed}$    |                |          |           | ::::[    |       | 75       | $oxed{oxed}$ | Ш        |   |          |               | 1        |          |        |                | 125      | L              |                 |                 |          |          |                 |                 | $\Box$   |   |
|          | 26       | Ц                   |              |                |          | oxdot           | $\Box$          | $oxed{oxed}$   |          |           |          |       | 76       | 匚            | Ш        |   |          |               |          |          |        |                | 126      |                |                 |                 |          |          |                 |                 | ┚        |   |
|          | 27       | Ц                   |              |                |          |                 |                 |                |          |           | I        |       | 77       | Ĺ            | $\Box$   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | [        |               |          |          | _      |                | 127      |                |                 |                 |          |          |                 |                 |          |   |
|          | 28       | Ш                   |              |                |          |                 |                 |                |          |           |          |       | 78       |              |          |   |          |               |          |          |        |                | 128      |                |                 |                 |          |          |                 |                 | [        | _ |
|          | 29       |                     |              |                |          |                 |                 |                |          |           |          |       | 79       |              |          |   |          |               |          |          |        |                | 129      |                |                 |                 |          |          |                 |                 |          |   |
|          | 30       | V                   |              |                |          |                 |                 |                |          |           |          |       | 80       |              |          |   |          |               |          |          |        |                | 130      |                |                 |                 |          |          |                 |                 | $\neg$   |   |
|          | 3,1      | N                   |              |                |          |                 |                 |                |          |           |          |       | 81       |              |          |   |          |               | T        |          |        |                | 131      |                | П               |                 |          |          |                 |                 | 一        |   |
|          | 32       |                     |              |                |          |                 |                 |                |          |           |          |       | 82       |              |          |   | 二        |               |          |          |        |                | 132      |                | П               |                 |          |          |                 | $\Box$          | ╗        | _ |
|          | 33       |                     |              |                |          |                 |                 |                |          |           |          |       | 83       |              |          | $\Box$  | $\neg$   | $\neg$        | T        | $\sqcap$ |        |                | 133      |                | П               | $\Box$          |          |          |                 | ヿ               | _        |   |
|          | 34       |                     | ·            |                |          |                 |                 |                |          |           |          |       | 84       |              | П        |   |          | _             | 7        | $\sqcap$ |        |                | 134      |                | П               |                 |          | $\Box$   | П               | $\Box$          | 一        |   |
|          | 35       | 1                   |              |                |          |                 |                 | $\Box$         | $\Box$   |           |          |       | 85       |              |          |   |          | $\neg$        | 1        | $\Box$   | 7      |                | 135      |                | П               | $\sqcap$        |          | $\Box$   | $\Box$          |                 | $\dashv$ |   |
|          | 36       | 1                   |              |                |          |                 |                 | $\neg$         | $\neg$   |           |          |       | 86       | Г            | П        |   |          | $\neg$        | 7        | $\sqcap$ |        |                | 136      |                | П               |                 |          | П        | $\Box$          | $\Box$          | $\dashv$ | _ |
|          | 37       |                     | Г            |                |          |                 |                 | $\neg$         | $\neg$   | ╗         |          |       | 87       |              |          |   |          |               | $\top$   | $\Box$   | 7      |                | 137      |                | П               |                 | $\neg$   |          |                 |                 |          | _ |
|          | 38       |                     | Γ.           |                |          | $\Box$          | $\Box$          |                | $\dashv$ | ╗         |          |       | 88       |              |          |   |          | $\neg$        | $\top$   | $\top$   |        | T              | 138      | П              | П               | П               |          |          | $\neg$          | $\dashv$        | ┪        | _ |
|          | 39       |                     |              |                |          |                 |                 |                | $\neg$   | $\neg$    |          |       | 89       |              |          |   |          | $\neg$        | $\top$   |          |        |                | 139      |                | П               |                 |          |          |                 |                 |          |   |
|          | 40       |                     |              |                |          |                 |                 |                |          |           |          |       | 90       |              |          |   |          | $\neg$        | $\top$   | $\sqcap$ |        |                | 140      |                | H               | $\Box$          |          |          |                 |                 | 一        | _ |
|          | 41       |                     |              | П              |          |                 | $\Box$          | $\neg$         | $\neg$   |           |          |       | 91       | П            |          |   | 寸        | T             |          | $\sqcap$ |        |                | 141      |                | П               |                 |          |          |                 |                 | $\neg$   | _ |
|          | 42       |                     |              | П              |          |                 | $\Box$          | ヿ              | $\neg$   | $\Box$    |          |       | 92       |              |          | ヿ   | 寸        | T             | $\top$   | 1 1      |        |                | 142      |                | П               | $\Box$          |          |          |                 |                 | ┪        | _ |
|          | 43       |                     |              |                |          |                 |                 | $\neg$         | $\neg$   |           |          |       | 93       | П            |          | ヿ   | 寸        | 一             |          | $\Box$   |        |                | 143      |                | $\vdash$        | $\Box$          | $\neg$   |          |                 | $\neg$          | 寸        | _ |
|          | 44       |                     |              |                |          | $\neg$          | $\neg$          | 一              | $\neg$   |           |          |       | 94       | П            | П        | $\dashv$  | 寸        | $\neg$        | 1        | $\sqcap$ |        |                | 144      | П              | П               | $\Box$          |          |          | $\neg$          | $\dashv$        | 一        | _ |
|          | 45       |                     |              |                |          | $\Box$          | $\Box$          | $\neg$         | $\neg$   | ٦         |          |       | 95       | П            | П        | $\neg$  | _        | $\top$        | 1        | $\sqcap$ |        |                | 145      |                | Н               |                 | $\neg$   | $\dashv$ |                 | $\dashv$        | $\neg$   | _ |
|          | 46       |                     | $\Box$       | П              |          | $\neg$          |                 | $\neg$         | $\dashv$ | $\dashv$  |          |       | 96       | П            | $\vdash$ | $\dashv$  | 寸        | $\dashv$      | 十        | 1 1      |        |                | 146      |                | Н               | $\vdash$        | $\dashv$ |          |                 | $\dashv$        | $\dashv$ | _ |
|          | 47       | T                   | П            | П              | 一        |                 |                 | $\neg \dagger$ | $\neg$   | ᅦ         |          |       | 97       | П            | $\vdash$ |   | ┪        | $\dashv$      | $\top$   | $\vdash$ |        |                | 147      |                | $\vdash$        | $\Box$          | $\neg$   |          | $\vdash$        | +               | $\dashv$ | _ |
|          | 48       |                     | П            | П              | 寸        |                 | $\neg$          | $\neg \dagger$ | $\dashv$ | $\dashv$  |          |       | 98       | П            | $\vdash$ | $\dashv$  | T        | 十             | $\top$   | 1-1      |        |                | 148      |                | $\vdash$        |                 |          | $\neg$   | $\dashv$        | $\dashv$        | $\dashv$ | _ |
|          | 49       |                     | П            | $\Box$         | $\neg$   |                 |                 | _              | $\dashv$ | $\exists$ | ı        | •     | 99       | П            | $\vdash$ | $\dashv$  | _        | $\neg$        | 1-       | 1 1      | 71111  |                | 149      | Н              |                 | $\vdash$        |          |          | $\dashv$        | -               | -        | _ |
|          | 50       |                     |              |                | 一        |                 |                 |                | $\dashv$ | $\exists$ | iiil     |       | 100      | П            | $\vdash$ | $\neg$  | 7        | 1             | 1        | 1 1      |        |                | 150      | $\vdash$       | $\vdash$        | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$        | $\dashv$ | _ |
|          |          | $\overline{}$       |              |                |          |                 | _               | _              |          |           | ·····[   |       |          |              |          | 1   | - 1      |               | •        |          | 1      |                | , , , ,  |                |                 |                 |          |          |                 |                 |          |   |